





















FG80 Libra II 5G

Touch Panel Computers

 1D & 2D	 5G	 7,200 mAh	 8.0" screen	 Android 11	 Bluetooth 5.1
 Camera	 GPRS	 IP65	 Laser aimer	 Location	 Megapixel
 Micro SD	 NFC	 Touchscreen	 USB-C	 Warranty 2 Years	 WiFi Dual Band



Features

Supports.
1D and 2D barcodes.

Software.
Built on Android 11.

Display.
8.0 inch (1920 x 1200) 5 point capacitive touch screen.

Processor.
Octa core 2.2 GHz CPU.

Memory.
4GB RAM and 64GB ROM memory.

Offers.
WiFi 802.11 a/b/g/n (2.4GHz & 5GHz), Bluetooth 5.1 BLE, GPS, camera, NFC, GSM, WCDMA.

2 Years Full Warranty

TECHNICAL SPECIFICATIONS

FG80 Libra II 5G

Data Capture

1D	All major 1D symbologies
2D	All major 2D symbologies

Performance

Current Operating System	Android 11
Memory Flash	64GB
Memory RAM	4GB

Memory Storage Expansion (max.)	Micro SD*1, up to 512G Micro PSAM*1(optional)
Processor	2.0 GHz octa-core

Physical

Audio	Front speakers, Volume 90db±3db (test distance 10cm)
Battery Type	7200 mAh
Buttons	Power key, Volume keys, Scan key (default), 12 Numbers
Dimensions	253(W) x 136(D) x 14.2(H) mm
Display	8.0" (1920 x 1200) IPS highlight screen
Expansion Slot	Micro SD, up to 512G Micro PSAM (optional)
Expected Charge Time	PE fast charging, full charge time < 4h
Front camera	8 MP, Full focus
Interfaces	USB-C, 8 pogo pins, OTG
Keypad	16 keys
Notifications	Beep, LED, Vibration
Rear camera	13 MP, Auto focus, High brightness LED flash
SIM/TF	Nano SIM*2 or Nano SIM*1
Touch Panel	5 points capacitive touchscreen
Weight	650 g

Wireless

GPS	GPS, BD, GLONASS
NFC	Supported protocol: ISO14443A/B, ISO15693; Reading distance: 0~5cm
WLAN RADIO	IEEE 802.11 a/b/g/n/ac 2.4GHz/5GHz dual band; supports fast roaming
WPAN RADIO	Bluetooth 5.1 BLE
WWAN RADIO	5G-NR:N1/N3/N28A/N41/N77/N78/N79; FDD-LTE:B1/B3/B5/B7/B8/B28A; TDD-LTE:B34/B38/B39/B40/B41; WCDMA:B1/B2/B5/B8; GSM:B2/B3/B5/B8; CDMA:BC0

UHF RFID

UHF Antenna	1.5dBi Ceramic antenna (Circular polarization)
UHF Frequency	Euro frequency (865-867MHz)
UHF Protocol	EPC Class 1 Gen 2 (ISO 18000-6C)
UHF Read Range	Indoor: >3 m - 12 m, Outdoor: >1.5 m - 6 m
UHF Read Rate	≥200 tags per second
UHF Reader	Impijn E310 or E710 UHF RFID module

Environmental

Drop	Six sides can stand the impact of 1.5 m drop to concrete floor
Electro Static Discharge (ESD)	±8 kV (contact discharge), ±15 kV (air discharge)
Humidity	5% to 95%
IP Rating	IP65
Operating Temperature	-20°C to 55°C (-4°F to 131°F)
Storage Temperature	-30°C to 70°C (-22°F to 158°F)

Certifications

Certifications Hardware

MSDS, FCC, UN38.3, RoHS, CE

Warranty

Warranty Standard

2 Years



Newland AIDC EMEA

Feel free to contact us or a partner near you.

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Specifications are subject to change without notice

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